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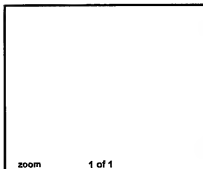


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Product Name

M6762 1-Methyl-2-pyrrolidinone

Sigma



Synonym	1-Methyl-2-pyrrolidinone N-Methyl-2-pyrrolidinone M-PYROL™ NMP
Molecular Formula	C ₅ H ₉ NO
Molecular Weight	99.13
CAS Number	872-50-4
Beilstein Registry Number	106420
EG/EC Number	2128281
MDL number	MFC000003193

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Properties

vapor density	3.4 (vs air)
vapor pressure	0.29 mm Hg (20 °C) 0.99 mm Hg (40 °C)
autoignition temp.	518 °F
expl. lim.	9.5 %
refractive index	n _{20/D} 1.47(lit.)
bp	202 °C(lit.) 81-82 °C/10 mm Hg(lit.)
mp	-24 °C(lit.)
density	1.028 g/mL at 25 °C(lit.)
storage temp.	2-8°C

References

Merck	Merck 13,6140
Beilstein	Beil. 21, V, 6, 321
Fieser	Fieser 1,696 / Fieser 2,281 / Fieser 9,316
reference	Aldrich MSDS 1, 1304:A / Corp MSDS 1 (2), 2433:A / FT-IR 2 (1), 1337:B / FT-IR 1 (1), 789:C / FT-NMR 1 (1), 1286:A / IR-Spectra (3), 468:F / IR-Spectra (2), 415:G / NMR-Reference 2 (1), 662:A / RegBook 1 (1), 923:E / Sax 6, 1924 / Sigma FT-IR 1 (2), 749:D / Structure Index 1, 143:C:4 / Vapor Phase 3, 788:D

Safety

Hazard Codes	Xi
Risk Statements	36/38
Safety Statements	41
WGK Germany	1
RTECS	UY5790000
F	3-8-10

Last 5 Pro
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